

PTO/SB/088(07-05)

Approved for use through 07/31/2008. OMB 0651-0031

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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/688,221
		Filing Date	10/15/2003
		First Named Inventor	Joseph Michael Christie
		Art Unit	2604 2616
		Examiner Name	A. Patel
Sheet	2	of	2
		Attorney Docket Number	1110d

NON-PATENT LITERATURE DOCUMENTS

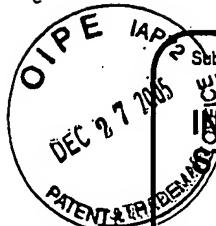
Examiner Signature	ADM PATER	Date Considered	9/2/08
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*Applicant's unique citation designation number (optional).¹ Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Complete If Known

Application Number	10/686,221
Filing Date	10/15/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2664 2816
Examiner Name	A. Parker

Attorney Docket Number

11.10d

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
an	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thom et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Omuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	
	26	US- 5,345,446	09/06/1994	Hiller et al.	
	27	US- 5,363,433	11/08/1994	Isano	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32	US- 5,422,882	06/06/1995	Hiller et al.	
	33	US- 5,425,090	06/13/1995	Orriss	
	34	US- 5,428,609	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyie et al.	
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,287	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,459,722	10/17/1995	Sherif	
	44	US- 5,469,501	11/21/1995	Otsuka	
	45	US- 5,473,877	12/05/1995	D'Amato et al.	
	46	US- 5,473,679	12/05/1995	La Porta et al.	
	47	US- 5,483,527	01/09/1996	Doshi et al.	

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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/686,221
		Filing Date	10/15/2003
		First Named Inventor	Joseph Michael Christie
		Art Unit	2664 2616
		Examiner Name	A. Patel
		Attorney Docket Number	1110d
Sheet	2	of	4

U.S. PATENT DOCUMENTS

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 4

Complete If Known	
Application Number	10/686,221
Filing Date	10/15/2003
First Named Inventor	Joseph Michael Christie
Art Unit	2664 261 6
Examiner Name	A. Patel
Attorney Docket Number	1110d

FOREIGN PATENT DOCUMENTS

Examiner Signature	ADM BATOR	Date Considered	8/2/08
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Substitute for form 1449B/PTO		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>Application Number</i>	10/686,221
		<i>Filing Date</i>	10/15/2003
		<i>First Named Inventor</i>	Joseph Michael Christie
		<i>Art Unit</i>	2664-2616
		<i>Examiner Name</i>	P. Patel
(Use as many sheets as necessary)			
Sheet	4	of	4
<i>Attorney Docket Number</i>			

Examiner Signature	ASIT PATEL	Date Considered	9/2/08
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<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>		Application Number	10/686,221
		Confirmation Number	6384
		Filing Date	10/15/2003
		First Named Inventor	Joseph Michael Christie
		Art Unit	2664-2616
		Examiner Name	A. Palusz
		Attorney Docket Number	1110d

Examiner Signature	ADIT PATER	Date Considered	9/2/08
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